



\*Note that these units will be limited to 97.5% of their maximum total annual heat input

BP Products North America, Inc. -Whiting Business Unit

New Boiler Process Flow Diagram



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 $\begin{array}{c} PM/PM_{10}/PM_{2.5},\ NO_x,\\ VOC,\ CO,\ SO_{2,}\ and \end{array}$ Sulfuric Acid Mist To stack Refinery Fuel Gas 575 MMBtu/hr Exhaust Exhaust Source 1 ► SCR Catalyst ► Duct Burner Boiler Bed Ammonia Injection Refinery Fuel Gas 41 MMBtu/hr

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3SPS SCR Project Typical Process Flow Diagram



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